



Sheet 1 of 1

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTORNEY DOCKET NO. 1454.1615	APPLICATION NO. 10/535,209
	FIRST NAMED INVENTOR Thomas HAUSTEIN, et al.	
	FILING DATE December 14, 2005	GROUP ART UNIT 2617

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	2001/0053143	12-20-2001	Li et al.			
	AB						
	AC						
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	<u>TRANSLATION</u> YES NO		ABSTRACT
	AG	02/082689	10-17-2002	WIPO			
	AH	02/062002	08-08-2002	WIPO			
	AI	2002-44051	02-08-2002	Japan		X	X
	AJ						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

				<u>TRANSLATION</u> YES NO	
	AK	Haustein et al., "Performance of MIMO Systems with Channel Inversion", Heinrich-Hertz-Institut für Nachrichtentechnik Berlin GmbH.			
	AL	Khalighi et al., "Water Filling Capacity of Rayleigh MIMO Channels", IEEE, 2001.			

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

**ATTACHMENT 1(e)****EXPLANATIONS OF RELEVANCY
OF REFERENCES**

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JP 2002-44051 (Reference AI) corresponds to US 2001/0053143 (Reference AA).